

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF

which application is:

☐ the attached application
(for original application)

x Application No. 09/497,504

filed February 4, 2000

(for declaration not accompanying application)

that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States Code §119, §172 or §365 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application or which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed	
			Yes	No

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.
60/118,740

Filing Date
February 5,
1999

Status
Pending

I hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexico, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603; George F. Lehnigk, Reg. No. 36,359; John T. Callahan, Reg. No. 32,607 and Steven M. Gruskin, Reg. No. 36,818, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date June 6, 2000 First Inventor Hyun-doo SHIN
First Name Middle Initial Last Name

Residence Sungnam-city Kyunki-do, Republic of Signature Hyun-doo Shin
City State/Country Korea

Post Office Address: 510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong Bundang-gu, Sungnam-city, Kyunki-do,
Republic of Korea

Citizenship U.S.A.

Date 4 July 2000 Second Inventor Yang-lim CHOI
First Name Middle Initial Last Name
Residence • Paldal-gu, Kyungki-do, Republic of Korea Signature Choi Yang-lim
City State/Country

Post Office Address: 102-1112 Wooman Sunkyung Apt., 105 Wooman-dong, Paldal-gu, Kyungki-do, Republic of Korea

Citizenship Republic of Korea

Date _____ Third Inventor Peng WU
First Name Middle Initial Last Name
Residence Santa Barbara CA, 93106-9560 Signature X Peng Wu
City State/Country

Post Office Address: Department of Electrical and Computer Engineering, University of California, Santa Barbara, CA 93106-9560, U.S.A.

Citizenship Chinese

Date _____ Fourth Inventor Bangalore MANJUNATH
First Name Middle Initial Last Name
Residence Santa Barbara CA 93106-9560 Signature B Manjunath 06/06/00
City State/Country

Post Office Address: Department of Electrical & Computer Eng., University of California Santa Barbara, CA 93106-9560, U.S.A.

Citizenship Indian

Date _____ Fifth Inventor _____
First Name Middle Initial Last Name
Residence _____ Signature _____
City State/Country

Post Office Address: _____

Citizenship _____

Date _____ Sixth Inventor _____
First Name Middle Initial Last Name
Residence _____ Signature _____
City State/Country

Post Office Address: _____

Citizenship _____



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 17, 2001

PTAS

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLL
DARRYL MEXIC
2100 PENNSYLVANIA AVENUE, NW
SUITE 800
WASHINGTON, D.C. 20037-3213



101607054A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/31/2001

REEL/FRAME: 011487/0326

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WU, PENG

DOC DATE: 11/08/2000

ASSIGNOR:

MANJUNATH, BANGALORE S.

DOC DATE: 09/26/2000

ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF
CALIFORNIA, A CALIFORNIA
CORPORATION
111 FRANKLIN STREET
12TH FLOOR
OAKLAND, CALIFORNIA 94607-5200

SERIAL NUMBER: 09497504

PATENT NUMBER: 1

FILING DATE: 02/04/2000

ISSUE DATE:

011487/0326 PAGE 2

SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT

Attorney Docket No. Q53232

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Name: PENG WU
Address: Department of Electrical and Computer Engineering
University of California
Santa Barbara, CA 93108-9560

Nationality: China

Name: BANGALORE S. MANJUNATH
Address: 1071 N. Patterson Avenue
Santa Barbara, CA 93111

Nationality: India

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, A CALIFORNIA CORPORATION, 111 FRANKLIN STREET, 12th Floor, OAKLAND, CA 94607-5200,

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF

and which is found in

- (a) ☐ U.S. provisional patent application filed herewith and listing the above named person(s) as inventor(s).
- (b) ☐ U.S. patent application filed herewith listing the above named person(s) as inventor(s).
- (c) ☒ U.S. patent application serial no. 09/497,504, filed on February 4, 2000.
- (d) ☐ U.S. Patent No.: _____, issued _____.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

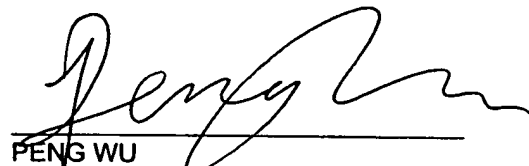
ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California.

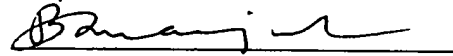
Date: Nov 8, 2000

Inventor:


PENG WU

Date: Sep 26, 2000

Inventor:


BANGALORE S. MANJUNATH



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 17, 2001

PTAS
SUGHRUE, MION, ZINN, MACPEAK & SEAS
DARRYL MEXIC
2100 PENNSYLVANIA AVENUE, NW
SUITE 800
WASHINGTON, DC 20037-3213



101607053A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/31/2001

REEL/FRAME: 011487/0338
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SHIN, HYUN-DOO

DOC DATE: 12/28/2000

ASSIGNOR:
CHOI, YANG-LIM

DOC DATE: 12/28/2000

ASSIGNEE:
SAMSUNG ELECTRONICS CO., LTD.
416 MAETAN-DONG, PALDAL-GU
SUWON-CITY, KYUNGKI-DO
REPUBLIC
OF KOREA

SERIAL NUMBER: 09497504
PATENT NUMBER: 1

FILING DATE: 02/04/2000
ISSUE DATE:

011487/0338 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-07-2001

Q53232

Form PTO-1595
1-31-92101607053
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director - U.S. Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hyun-doo SHIN and Yang-lim CHOI

2. Name and address of receiving party(ies)?

SAMSUNG ELECTRONICS CO., LTD.

416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

Additional name(s) & address(es) attached?

☐ yes☒ no

Execution Date: December 28, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/497,504 /

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-32136. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.☐ Authorized to be charged to Deposit Account

8. Deposit Account No.

19-4880

DO NOT WRITE IN THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Darryl Mexic

Reg. No. 23,063

January 31, 2001

Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director - U.S. Patent and Trademark Office

Box Assignment

Washington, D.C. 20231

02/07/2001 DBYRNE 00000027 09497504

01 FC:581

40.00 07

Assignment

Whereas, I/We, Hyun-doo SHIN and Yang-lim CHOI of

510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong, Bundang-gu, Sungnam-city, Kyungki-do, Republic of Korea, and 102-1112 Wooman Sunkyung, 105 Wooman-dong, Paldal-gu, Kyungki-do, Republic of Korea

respectively, hereinafter called assignor(s), have jointly invented with others certain improvements in **IMAGE TEXTURE RETRIEVING METHOD AND APPARATUS THEREOF** and executed an application for Letters Patent of the United States of America therefor on August 23, 2000; and

Whereas, **SAMSUNG ELECTRONICS CO., LTD., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea** (assignee), desires to acquire our entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, our entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number **09/497,504**, filed **February 4, 2000**) the filing date and application number of said application when known.

Date:

Shin Hyun Doo
s/ Hyun-doo SHIN

28 December 2000

Date:

Choi Yehi
s/Yang-lim CHOI

28 December 2000

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92